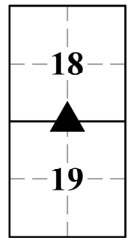


MONUMENT RECORD

Corner ID: **VanBu_C13**

Quarter Corner

Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

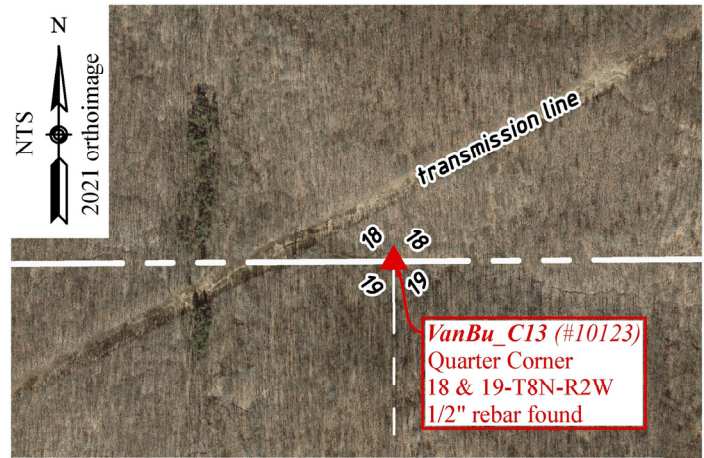
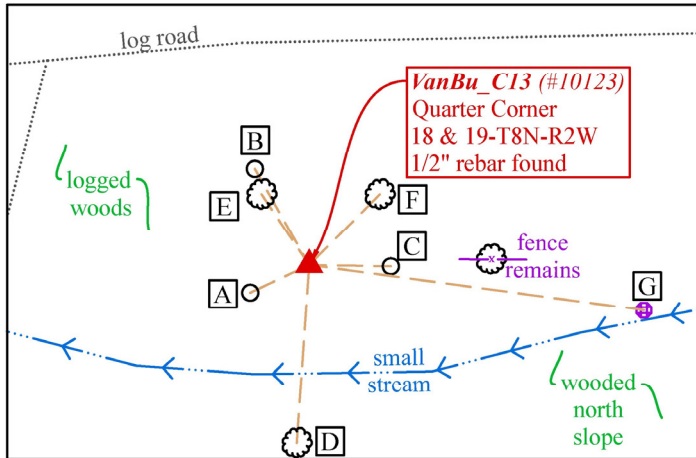


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

1/2" rebar found 2" above grade on the west side of a steel t-post

GEODETIC COORDINATES: Northing: 1411442.93, Easting: 3068487.34

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 64°38'24" W	12.94'	Rebarlite with Monroe County cap set flush
B	N 29°34'22" W	21.83'	Rebarlite with Monroe County cap set flush
C	S 89°0'38" E	16.19'	Rebarlite with Monroe County cap set flush
D	S 4° W	35.4'	19" maple measured to point 12" above grade on the east side
E	N 34° W	16.9'	6" maple measured to point 12" above grade on the west side
F	N 45° E	19.8'	20" sugar maple measured 14" above grade on the west side (a magnetic signal was observed in the south root flair of the tree at N54°E 19.1 feet)
G	S 82° E	67.0	Steel t-post found

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, C, and G were located with RTK. Distances to witness ties D, E, and F were measured with a 100-foot steel tape. Bearings to witness ties D, E, and F were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post with a Monroe County Survey Marker sign attached 2.4 feet above grade was found 0.13 feet east of the rebar.

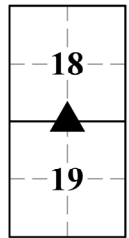
OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

MONUMENT RECORD

Corner ID: **VanBu_C13**

Quarter Corner

Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



The rebar is in a level, heavily logged woods on the north side of a small stream. It's approximately 45 feet south of an east/west logging road and approximately 300 feet southeast of a transmission line cut. East/west fence remains were observed in a tree approximately 36 feet east of the rebar, and a line of t-posts extends easterly from the post noted as Witness Tie G above. No other evidence of possession was observed near the corner.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie
Where filed or recorded:
F_EV02P321 Original
monument: wooden post
Bearing Trees or Reference Monuments:

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/29/1859 By: Buskirk
Where filed or recorded: LSB2, pg 20
Original monument: N. 1/2 mile stake old witnesses gone Bearing Trees or
Reference Monuments:

Species	Dia.	Bearing
Beech	4"	S 70° W
Ash	4"	-

No original reference monuments were recovered.

Species	Dia.	Bearing	Distance
Beech	8"	N 3° W	70 lks = 46.2'
Beech	36"	N 57° W	70 lks = 46.2'

No legal survey reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 1862 By: James Woodburn, Dept. Surveyor
Where filed or recorded: LSB2,
pg 73 Original monument:
planted a rock
Bearing Trees or Reference Monuments:

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 3/15/1864 By: James Spencer
Where filed or recorded: LSB2, pg 87 Original monument:
planted a stone
Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	18"	N 12° E	29 lks = 19.
Walnut	60"	N 23° E	62 lks = 40.

No legal survey reference monuments were recovered.

Species	Dia.	Bearing	Distance
Sugar	15"	N 39° E	61.75 lks = 40.8'
Beech	40"	N 61° W	53 lks = 35.0'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Unknown	Graham, Raymond	Corner plat for Section 19-8N-2W (<i>IP set</i>)	MCSO
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W	MCSO
02/21/1983	Farkas, Edmund	Survey of 149.02 acres in Sec.19-8N-2W	2013015591

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

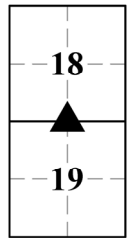
Greene County Surveyors Woodburn and Spencer monumented this corner with stone in 1862 and 1864 respectively. The corner falls in a heavily timbered area and no trace was found of either stone or witnesses. Many large tree tops scattered around the immediate vicinity of the corner hindered our search efforts.

MONUMENT RECORD

Corner ID: **VanBu_C13**

Quarter Corner

Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



In 1974, Raymond Graham surveyed the surrounding sections for Robert Townsend. At that time, he monumented the northwest and northeast corners of Section 19 with cut limestones and calculated this corner at a distance of 2640 feet from the northeast corner of Section 19. On an undated and unsigned corner plat on file in the office of the Monroe County Surveyor depicting the exact dimensions as the Townsend survey, Mr. Graham indicated that he set an IP at this corner. The IP was not found during this survey.

In 1983, Edmund Farkas surveyed the West half of the East half of Section 19. His survey plat does not detail the breakdown of Section 19. However, the 1/2" rebar found is within 0.1 feet east/west and 0.8 feet north/south of the proportionate location of the North 1/4 corner of Section 19 when established between the found limestone at the northeast corner (E13) and the found limestone at the northwest corner (A13). Ties to other monuments from the 1983 Farkas survey indicate that it was the origin of the 1/2" rebar, which we accepted as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, the stone set in 1862, or the stone set in 1864, their locations relative to the current monument are unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: Up to 27.2 feet east/west.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865. **PHOTO**

IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 1, 2024



Photo Orientation & Description: rebar found at C13



Photo Orientation & Description: Looking southeast at C13

FIELD PERSONNEL:

Field Date: 05/01/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/30

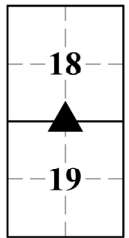
BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

MONUMENT RECORD

Corner ID: **VanBu_C13**

Quarter Corner

Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC Date:
September 17, 2024

Signature:



Seal:

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:

Offeror Name: Rachel Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: <u>Rachel@OserSurveying.com</u>	
Corner Classification: Referenced		Corner Coordinate Status: GIS	
Issue Date: 2/21/2024	Form Due Date: 11/15/2024	Form Receipt Date: 09/17/2024	

OFFICE USE ONLY

This document is not complete without the associated plat and report of even date.



Date: 10/15/2024

Trohn Enright-Randolph

Monroe County Surveyor



Accepted by the Monroe
County Surveyor Review
Board on 10/15/2024

MONUMENT RECORD
State of Indiana - County of Monroe

Section: 19

Township: 8 North

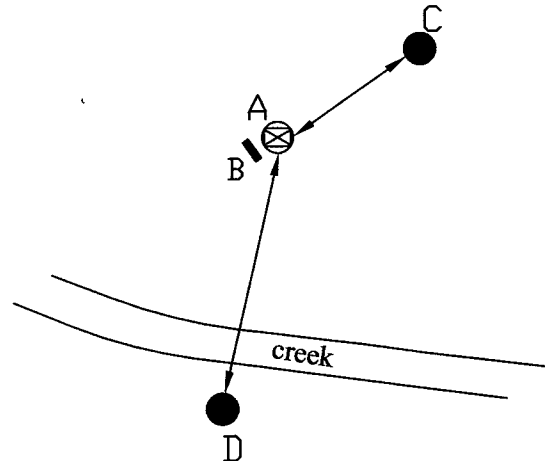
Range: 2 West

Corner ID: VanBu C-13

Monument Description & Remarks: 5/8" Rebar with on cap. Survey Sign 2.5ft above ground at pt. B

References On File:

RECOVERY TIE DRAWING
Field Book 44 Page No. 24



- A - 5/8" Rebar
- B - Survey Sign on metal "T" fence post East of Monument
- C - N 52° E 19.10' to MAG nail in 18" Sugar Maple
- D - S 31° W 33.65' to MAG nail in 28" Sugar Maple

Not To Scale
Compass Bearing Magnetic North

I, Kevin P. Enright, Monroe County Surveyor, hereby certify that this document was prepared under my direction in accordance with the provisions of section 36-2-12-11 of the Indiana Code; and the above data is given under my hand and seal this 2nd day of July, 2010.

DRAFT

Administered by the Monroe County Surveyor Review Board

Date: _____